

Assignment #4 (Due: 24-Feb-2021)

The table below presents Calorie intakes from Carbs, Proteins, Fats in 100g of various foods:

	Apples	Beef	Eggs	Potatoes
Carb	56.0	0.0	4.4	68.0
Protein	1.2	104.0	52.0	8.0
Fat	1.8	135.0	99.0	0.9

Calculate percentage (%) of calories from Carbs (carbohydrates), Protein, and Fat.

The output should be a similar matrix as the input one (3x4), where its entries should be the calculated percentage of calories.

For instance, Apples provide $56 / (56.0 + 1.2 + 1.8) = 94.9$ % of Carbs.

Perform the calculations in two actions:

Action-1: Using 'for-loop'

Action -2: Using NumPy Arrays

Showcase the CPU time spend on each action.